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Healthcare Professional's Guide to Clinical Mobility:

Unlock the Future of Wound Care

A Fundamental Problem

Human beings have been tending to wounds since the dawn of civilization. While wound care has evolved dramatically from the potions, herbs, and superstitious remedies of ancient times, treating and preventing wounds today is a complex challenge for healthcare providers. "Given the aging population, the continued threat of diabetes and obesity worldwide, and the persistent problem of infection, it is expected that chronic wounds will continue to be a substantial clinical, social, and economic challenge," Chandan Sen explains in "Human Wound and its Burden: Updated 2020 Compendium of Estimates," an article published in the *Advances in Wound Care* journal.

While they deal with the burden of managing acute and chronic wounds in an aging and obese population, many healthcare providers are facing existential threats in the aftermath of the biggest public health crisis in a century. Hospitals and other health systems are under pressure to provide ever-increasing levels of service and support that often exceed their existing bandwidth and financial resources. This struggle "occurs against the backdrop of historic workforce shortages, broken supply chains, and rabid inflation that has increased the cost of caring," as American Hospital Association CEO Rick Pollack asserted in 2022. **Increasingly, health care providers are embracing technology and automation to reduce the strain on a system that's stretched to its limits.**

$28.2 billion

Estimated size of the global market for wound care devices, up from a projected $18.5 billion in 2022.

– Fortune Business Insights

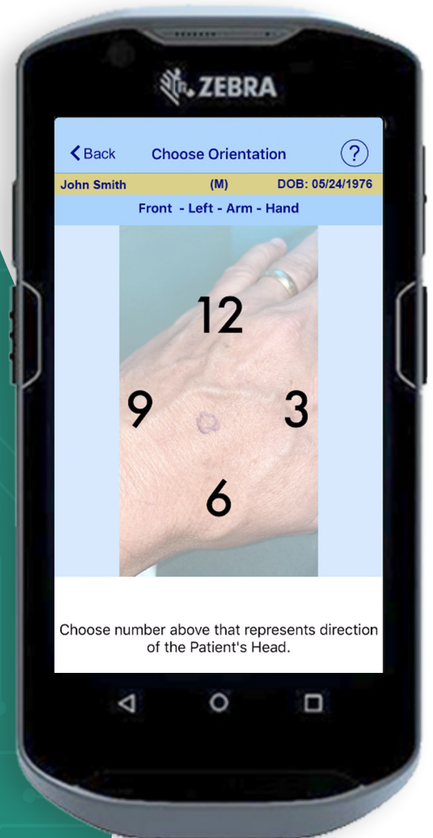
The Promise of Clinical Mobility

In this challenging environment, healthcare providers are discovering that clinical mobility – the use of mobile devices at the point of care – can create workflow efficiencies, make the most of limited resources, and ultimately improve the quality of patient care. Hospitals and other healthcare facilities are equipping frontline personnel with powerful handheld computers that scan barcodes or RFID tags on supplies, medications, equipment, and patient wristbands. "By digitally capturing information, data can be transmitted in real time to clinical staff, reducing – even eliminating – errors and delivering critical time savings," Zebra Technologies explains in its 2022 Hospital Vision Study.

Mobile technology is bringing the ancient practice of wound care into the 21st century as well. Healthcare providers are utilizing web-based applications powered by state-of-the-art software to modernize and simplify the process of documenting wounds. These web-based apps offer a wide range of enhanced capabilities that easily integrate with existing EHR platforms, while providing the robust security needed to safeguard HIPAA-protected patient health data.

In this e-book, we'll explore three of the major reasons why healthcare providers are leveraging mobile apps to streamline their wound care management.

Why Use a Mobile Wound Care App?



1.

Improve capture accuracy.

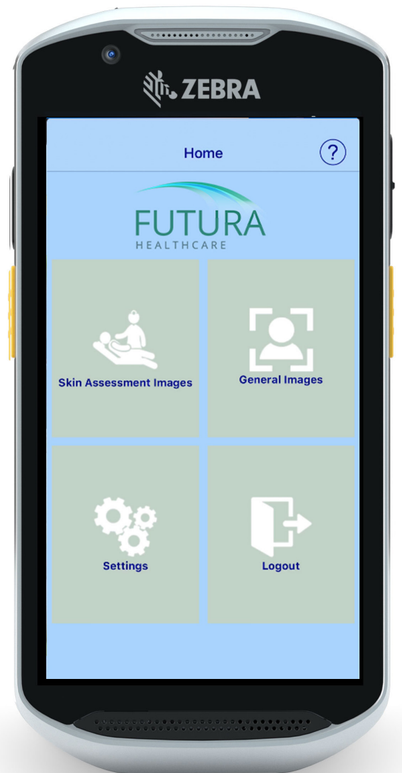
Manually measuring wounds can lead to mistakes and inconsistencies that undermine the quality of patient care. Digitalizing the process of wound capture and documentation with a mobile app minimizes the risk of human error, providing the high level of accuracy needed to drive effective treatment. All images, measurements, annotations, and other information automatically upload to the patient's electronic medical record for immediate reference.

40% **On average, health care professionals overestimate the size of a wound area by roughly 40% when using a standard manual method.** – *Journal of Diabetes Science and Technology*

Why Use a Mobile Wound Care App?

2. Create process efficiencies.

With a wound care management app, nurses and other frontline healthcare personnel can use a mobile device to scan the patient wristband and take photos of the wound, adding notes directly on the image when needed. Wound care software integrates with a provider's electronic health record (EHR) system, so information flows seamlessly and securely to and from patient records (without the need to double-chart). Using a mobile app for wound capture eliminates time-consuming practices such as scanning documents, manually reentering information, and taping images to reports. Equally important, wound images and patient histories are easily accessible on their mobile device – so health care professional don't have to waste precious time digging for charts.



25% **An American Medical Informatics Association study found that nurses spend about 25% of their time on paper charting and other documentation tasks.**

Why Use a Mobile Wound Care App?

3.

Elevate patient care.

Higher-quality care management is one of the natural outcomes of improved data accuracy and more efficient workflows. Eliminating paperwork and redundant manual entry in wound care means healthcare providers can devote more time to bedside patient care. Measuring and documenting wounds with a mobile device not only is more accurate than using paper rulers, but it also is less invasive for the patient. Digitalizing the process of wound imaging and tracking minimizes the risk of errors and puts real-time patient data at the fingertips of health care professionals – so they have the information they need to properly assess the wound's progress and determine if the current treatment plan is working.

Automating the process of measuring and documenting wounds with a mobile app can create much-needed consistency between disparate providers, ensuring continuity of care.

Futura + Zebra Technologies

Futura Healthcare's Wound Care App is a powerful, easy-to-use web-based platform for wound care management. The secure, highly configurable app is ideal for a variety of use cases, including inpatient acute care, long-term care, outpatient clinics, physician offices, and home health. The Futura app's versatility has allowed it to be used in areas outside of long-term wound care as well. Additional use cases include: Pre/post surgery, newborn imaging, tracking physical therapy progress, and in recording injuries in the ED that may require evidence gathering (in abuse cases, for instance). Thanks to its best-in-class design, the app provides an intuitive, easy-to-navigate user experience for nurses, physicians, clinicians, and medical records teams.

The Futura Healthcare Wound Care App enables healthcare providers to improve treatment plans and patient outcomes by eliminating redundant data entry, reducing the risk of human error, and freeing up more time for bedside care. Using the **Zebra TC52-HC touch computer**, healthcare personnel simply scan the patient wristband and capture images with their smartphone, adding notes directly on an image if needed. The HIPAA-compliant app seamlessly connects your wound care program to leading hospital EHR systems.

Key Features

- HIPAA-compliant
- Secure automated user login and patient ID
- Easy-to-follow guided workflows
- Built-in report writer for easier charting
- User-defined body areas for precise image capture
- Seamless interface with EHR systems
- User-defined settings for customization
- No data stored on device

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ZEBRA

Zebra TC5X Series Mobile Computers

The Futura Healthcare Wound Care App is designed to work seamlessly with TC5X Series Mobile Computers from Zebra Technologies. Zebra's TC5X line includes durable, future-proof devices with all the features you need to provide every patient with the highest quality of care.

Highlights

Advanced Touchscreen

Flexible multi-touch display provides ample space to view patient data and works when wet, with a gloved finger, or a stylus.

Full-Shift Power

PowerPrecision+ high-capacity battery delivers up to 14 hours of power for the longest shifts.

Designed for Healthcare

Advanced medical-grade plastics can withstand frequent cleanings from harsh disinfectants.

Easy to Use

Familiar Android operating system virtually eliminates training time and adoption curves.

Packed with Features

Fast and flawless scanning, crystal-clear VoIP calls, secure text messaging, and mobile alarms/alerts drive productivity and collaboration.

For more information, visit www.zebra.com/tc52-hc

ZEBRA

Preventing Hospital-Acquired Pressure Injuries

Futura Wound Care App helps acute care hospital reduce the risk of HAPIs.

Reducing the risk of hospital-acquired pressure injuries (HAPIs) is an ongoing challenge for hospitals and other healthcare providers. HAPIs not only add to patients' suffering, but they also can inflict a steep financial toll on providers. It's been estimated that there are 2.5 million cases per year, and the average cost of a Stage 3, Stage 4 or unstageable pressure injury can run as high as $150,000 per patient. HAPIs are the most common malpractice claim in the United States, with many cases settling for more than $1 million.

A California acute care hospital had protocols in place to ensure that patients with existing sores or wounds did not become worse and that no HAPIs occurred after admission. However, the process was inefficient and relied on manual tasks, and personnel often lacked access to timely data. These challenges led the hospital to optimize its wound care management with the Futura Healthcare Mobile Wound Care App. Since it was introduced in 2016, the HIPAA-compliant mobile app has been deployed to more than 500 IOS and Android devices in the facility, and adoption rates have exceeded expectations.

The robust functionality of the Futura Mobile Wound Care App has enabled the hospital to improve patient satisfaction and outcomes by:

- Eliminating redundant data entry and other process inefficiencies
- Reducing the risk of human error
- Improving timely access to patient data
- Increasing security for protected health information
- Meeting all department needs, including clinical and medical records users

One of the critical achievements was the seamless integration of the app with the hospital's newly installed Cerner Millennium EHR platform, which has enabled secure information flow to and from patient records. The deployment has been so successful that hospital personnel not only have adopted the app for wound care, but also for any application in which photography and documentation are needed.